

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	447414	("438"/\$.ccls. or "257"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 14:12
L2	2264	1 and (storage near3 node near3 contact)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 14:12
L3	57020	2 and (hard adj mask) or (mask same (SRON or (silicon adj nitride) or ("Si.sub.3" adj "N.sub.4") or polysilicon))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 14:15
L4	1165	2 and ((hard adj mask) or (mask same (SRON or (silicon adj nitride) or ("Si.sub.3" adj "N.sub.4") or polysilicon)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 14:15
L5	117	4 and passivat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 14:16
L6	17	5 and (passivat\$3 same (storage near3 node near3 (contact or hole)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:28
L7	195622	("438"/\$.ccls. or "257"/\$.ccls)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:29

## EAST Search History

L8	666	7 and ubm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:50
L9	682	7 and (ubm or (under adj ball adj metal\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:51
L10	344	9 and (al or aluminium or aluminum) and ((Tantalum adj nitride) or TaN or barrier) and (copper or cu)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:53
L11	267	10 and (gold or Au)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:53
L12	127	9 and (((al or aluminium or aluminum) and ((Tantalum adj nitride) or TaN or barrier) and (copper or cu)) same (Au or gold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:54
L13	93	9 and (((al or aluminium or aluminum) same ((Tantalum adj nitride) or TaN or barrier) same (copper or cu)) same (Au or gold))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:54

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	168	(plasma near electrode) AND (mount\$3 near3 device)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:01
L9	71	L8 AND (clean\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 15:02
S1	2	"5090609".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/24 08:03
S2	10	"5188280".pn. "20030168145".pn. "20030164396".pn. "20040007312".pn. jp-2002064042-a.did. jp-2002064268-a.did. jp-2002050651.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 14:42
S3	16781	438/15,25-26,50-51,54-55,67, 107-110,115,118-120,127,308, 455-459,795-798,906,913,928,974. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/17 14:40
S4	11781	257/723-726,777-778,782-783, 785-786.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 07:36
S5	65	("4379218"   "4558812"   "4865245"   "5000819"   "5090609").PN. OR ("5188280"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/17 15:27
S8	30799	(mount\$3 near method)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 07:39

## EAST Search History

S9	16795	438/15,25-26,50-51,54-55,67, 107-110,115,118-120,127,308, 455-459,795-798,906,913,928,974. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 07:39
S10	11795	257/723-726,777-778,782-783, 785-786.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 07:39
S11	1161	S8 AND (S9 or S10)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 10:04
S12	140	S11 AND (bond same press\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 07:40
S13	30799	(mount\$3 near method)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 10:48
S14	16795	438/15,25-26,50-51,54-55,67, 107-110,115,118-120,127,308, 455-459,795-798,906,913,928,974. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:04
S15	11795	257/723-726,777-778,782-783, 785-786.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 10:04
S16	1161	S13 AND (S14 or S15)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 10:04
S17	131	S16 AND (plasma)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 10:09
S18	5	S17 AND (movable)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 10:05
S19	17	("4984887").PN. OR ("5858806"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 10:11

## EAST Search History

S20	35096	(mount\$3 near method)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:48
S21	1301	S20 AND (S14 or S15)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:48,
S22	109	S21 and (movable or adjustable or shiftable)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 12:18
S23	38	S22 AND (chamber or enclosure or cell or container)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 10:50
S24	235802	(mount\$3 near (method or process or system or device))	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/19 07:31
S25	16795	438/15,25-26,50-51,54-55,67,107-110,115,118-120,127,308,455-459,795-798,906,913,928,974.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 12:17
S26	11795	257/723-726,777-778,782-783,785-786.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/18 12:17
S27	4138	S24 AND (S25 or S26)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 12:17
S28	298	S27 and (movable or adjustable or shiftable)	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 12:18
S29	95	S28 and horizontal	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/18 12:18
S30	25	("20030106207"   "3477630"   "4202092"   "4256796"   "4489821"   "4825536"   "4868977"   "4890780"   "5090609"   "5153983"   "5208975"   "5513792"   "5564889"   "5579985"   "5692292"   "5855059"   "5971257"   "6108900"   "6193130"   "6197612"   "6223425"   "6374729"   "6453548"   "6526651").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 12:41

## EAST Search History

S31	25	("20030106207"   "3477630"   "4202092"   "4256796"   "4489821"   "4825536"   "4868977"   "4890780"   "5090609"   "5153983"   "5208975"   "5513792"   "5564889"   "5579985"   "5692292"   "5855059"   "5971257"   "6108900"   "6193130"   "6197612"   "6223425"   "6374729"   "6453548"   "6526651").PN. OR ("7122399").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 12:42
S32	1	"6836959".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 12:42
S33	23	("20030106207"   "3477630"   "4202092"   "4489821"   "4868977"   "4890780"   "5090609"   "5153983"   "5208975"   "5513792"   "5579985"   "5692292"   "5743001"   "5855059"   "5971257"   "6108900"   "6193130"   "6223425"   "6374729"   "6453548"   "6526651").PN. OR ("6836959").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 13:07
S36	65	("4379218"   "4558812"   "4865245"   "5000819"   "5090609").PN. OR ("5188280").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/18 14:38
S37	30109	(movable or adjustable or shiftable) SAME (mount\$3 near (method or process or system or device))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 07:55
S38	16795	438/15,25-26,50-51,54-55,67,107-110,115,118-120,127,308,455-459,795-798,906,913,928,974.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 07:34
S39	11795	257/723-726,777-778,782-783,785-786.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 07:34

## EAST Search History

S40	24	S37 AND (S38 or S39)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 07:54
S41	11	S37 AND (bond\$3) AND (plasma SAME clean\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 07:55
S42	34470	(movable or adjustable or shiftable) SAME (mount\$3 near (method or process or system or device))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 07:55
S43	13	S42 AND (bond\$3) AND (plasma SAME clean\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 07:56
S44	16795	438/15,25-26,50-51,54-55,67, 107-110,115,118-120,127,308, 455-459,795-798,906,913,928,974. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:03
S45	11795	257/723-726,777-778,782-783, 785-786.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 08:03
S46	28	S42 AND (S44 or S45)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:13

## EAST Search History

S47	88	(apparatus same bond\$3 same chamber same (bond\$3 near3 wafer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 13:21
S48	88	S47 and (bond\$3 near3 (wafer or substrate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:14
S49	60	S48 and (bond\$3 same press\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:14
S50	771	(apparatus same chamber) near10 ((wall near5 chamber) near5 (moving or moveable or movable or moved or shift\$4 or adjust\$4 or expan\$4 or contract\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 12:56
S51	52	S50 and (wall near5 moveable)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:18
S52	68	S47 and (wall near5 moveable or moved or shift\$4 or adjust\$4 or expan\$4 or contract\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 12:23
S53	337	(non-conductive adj5 paste)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/19 14:45



## EAST Search History

S54	16795	438/15,25-26,50-51,54-55,67, 107-110,115,118-120,127,308, 455-459,795-798,906,913,928,974. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 14:45
S55	11795	257/723-726,777-778,782-783, 785-786.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/19 14:45
S56	75	S53 AND (S54 or S55)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 13:18
S57	67	(apparatus same bond\$3 same chamber near3 wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 13:21
S58	23	S57 AND (seal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 13:24
S59	324	(apparatus SAME bond\$3) same (chamber SAME wafer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 13:25
S60	213	S59 AND (movable or moveable or shift\$3 or adjust\$3 or moving or move or moved)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 13:25

## EAST Search History

S61	70	S60 AND (seal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:35
S62	14	("3417459"   "4752180"   "4830984"   "4939101").PN. OR ("5129827").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/23 13:36
S63	2	("6796481").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 13:37
S64	2	("6648045").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 13:39
S65	2	("6913945").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 13:59
S66	2	("20040007312").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 14:00
S79	902	((sealing adj material) same (paste))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/23 15:55

## EAST Search History

S80	1045	((sealing adj material) same (paste))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:55
S81	1045	((sealing adj material) same (paste))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 16:07
S82	43	S81 AND (anisotropic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 15:56
S83	51	S81 and (bond\$3 SAME apparatus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 16:07
S84	8	S83 AND (anisotropic)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/23 16:07
S86	25	"contact force" SAME (mount\$3 near method)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/24 08:10